

The Ohio Public Works Commission

65 East State Street, Suite 312, Columbus, Ohio 43215 Phone (614) 466-0880

APPLICATION FOR FINANCIAL ASSISTANCE

Revised 7/93

CBO7B

IMPORTANT: Applicant should consult the "Instructions for Completion of Project Application" for assistance in the proper completion of this form.

SUBDIVISION: City of Wyoming

CODE# 061-86730

DISTRICT NUMBER: 2 COUNTY: Hamilton DATE 9 / 23 / 97

CONTACT: John Wirtz

PHONE # (513) 821-7600

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS)

PROJECT NAME: Water Treatment Plant, 1997

SUBDIVISION TYPE

(Check Only 1)

- ☐ 1. County
☒ 2. City
☐ 3. Township
☐ 4. Village
☐ 5. Water/Sanitary District
(Section 6119 O.R.C.)

FUNDING TYPE REQUESTED

(Check All Requested & Enter Amount)

- ☐ 1. Grant \$
☒ 2. Loan \$2,760,522
☐ 3. Loan Assistance \$
MBE SET-ASIDE OFFERED
Construction \$
Procurement \$

PROJECT TYPE

(Check Largest Component)

- ☐ 1. Road
☐ 2. Bridge/Culvert
☒ 3. Water Supply
☐ 4. Wastewater
☐ 5. Solid Waste
☐ 6. Stormwater

TOTAL PROJECT COST: \$ 2,760,522.00 FUNDING REQUESTED: \$ 2,760,522.00

DISTRICT RECOMMENDATION

To be completed by the District Committee ONLY

GRANT: \$

LOAN: \$ 2,760,522.00

LOAN ASSISTANCE: \$

% 3 TERM: 20 yrs. (Attach Loan Supplement)

(Check Only 1)

- ☒ State Capital Improvement Program
☐ Local Transportation Improvements Program
☐ Small Government Program

DISTRICT MBE SET-ASIDE

Construction \$
Procurement \$

FOR OPWC USE ONLY

PROJECT NUMBER: C /C

Local Participation %

OPWC Participation %

Project Release Date: / /

OPWC Approval: _____

APPROVED FUNDING: \$

Loan Interest Rate: _____

Loan Term: _____ years

Maturity Date: _____

Date Approved: / /

1.0 PROJECT FINANCIAL INFORMATION

1.1 PROJECT ESTIMATED COSTS:

(Round to Nearest Dollar)

- a.) Project Engineering Costs:
- 1. Preliminary Engineering \$.00
 - 2. Final Design \$.00
 - 3. Other Engineer's Services* \$.00
 - Supervision \$.00
 - Miscellaneous \$.00
- b.) Acquisition Expenses:
- 1. Land \$.00
 - 2. Right-of-Way \$.00
- c.) Construction Costs: \$ 2,760,520.00
- d.) Equipment Purchased Directly: \$.00
- e.) Other Direct Expenses: \$.00
- f.) Contingencies: \$.00
- g.) TOTAL ESTIMATED COSTS: \$ 2,760,522.00

MBE \$	Force Account \$
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____

1.2 PROJECT FINANCIAL RESOURCES:

(Round to Nearest Dollar and Percent)

- a.) Local In-Kind Contributions \$.00 %
- b.) Local Public Revenues \$.00
- c.) Local Private Revenues \$.00
- d.) Other Public Revenues
- 1. ODOT PID# \$.00
 - 2. EPA/OWDA \$.00
 - 3. OTHER \$.00
- SUB-TOTAL LOCAL RESOURCES: \$.00

- e.) OPWC Funds
- 1. Grant \$.00
 - 2. Loan \$ 2,760,520.00 100
 - 3. Loan Assistance \$.00

SUB-TOTAL OPWC RESOURCES: \$.00

f.) TOTAL FINANCIAL RESOURCES: \$ 2,760,520.00 100%

*Other Engineer's Services must be outlined in detail on the required certified engineer's estimate.

1.3 AVAILABILITY OF LOCAL FUNDS:

Attach a summary from the Chief Financial Officer listed in section 5.2 listing all local share funds budgeted for the project and the date they are anticipated to be available.

2.0 PROJECT INFORMATION

IMPORTANT: If project is multi-jurisdictional, information must be consolidated in this section.

2.1 PROJECT NAME: City of Wyoming, Ohio Water Treatment Plant, 1997

2.2 BRIEF PROJECT DESCRIPTION - (Sections a through d):

a.) **SPECIFIC LOCATION:** Project is located in the City of Wyoming at the municipal complex on 800 Oak Avenue, Wyoming, Ohio (see attached location map).

PROJECT ZIP CODE: 45215

b.) **PROJECT COMPONENTS:**

Construction of a new 3.0 MGD water treatment plant (WTP). The new WTP will soften groundwater using lime and alum to enhance coagulation. Major treatment components are: solid contact clarifier, recarbonation basin and filters. Chemical Feed Systems are: lime, alum, carbon dioxide, flouride and sodium hypochlorite.

c.) **PHYSICAL DIMENSIONS/CHARACTERISTICS:**

The 3.0 MGD WTP will have a footprint of 122' x 89'.

d.) **DESIGN SERVICE CAPACITY:**

IMPORTANT: Detail shall be included regarding current service capacity vs proposed service level.

If road or bridge project, include ADT. If water or wastewater project, include both current residential rates based on monthly usage of 7,756 gallons per household.

Attach current rate ordinance.

The existing WTP, which will be abandoned, has a service capacity of about 2.1 MGD. The new WTP, which will replace the existing WTP, will have a capacity of 3.0 MGD. The existing WTP constructed in 1892 is not able to meet the maximum daily usage of 3.1 MGD. The existing WTP's structures and equipment are failing and are not expected to provide many more years of service. See attached for current water rate.

2.3 **USEFUL LIFE/COST ESTIMATE:** Project Useful Life: 30 Years.

Attach Registered Professional Engineer's statement, with original seal and signature certifying the project's useful life indicated above and estimated cost.

3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	\$1,932,36570 %
State Funds Requested for Repair and Replacement	\$1,932,36570 %

TOTAL PORTION OF PROJECT NEW/EXPANSION	\$828,157 30 %
State Funds Requested for New and Expansion	\$828,157 30 %

(SCIP Project Grant Funding for New and Expansion cannot exceed 50% of the total Project Costs.)

4.0 PROJECT SCHEDULE:*

	BEGIN DATE	END DATE
4.1 Engineering/Design:	10 / 03 / 94	09 / 30 / 97
4.2 Bid Advertisement:	10 / 15 / 98	12 / 15 / 98
4.3 Construction:	12 / 31 / 98	03 / 30 / 2000

* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be approved in writing by the Commission once the Project Agreement has been executed. Dates should assume project agreement approval/release on July 1st. of the Program Year applied for.

5.0 APPLICANT INFORMATION:

5.1 CHIEF EXECUTIVE OFFICER

Shari Haldeman
City Manager
800 Oak Avenue
Wyoming, Ohio 45215
(513) 821 - 7600
(513) 821 - 7952

5.2 CHIEF FINANCIAL OFFICER

Mary Ann Engel
Financial Director
800 Oak Avenue
Wyoming, Ohio 45215
(513) 821 - 7600
(513) 821 - 7952

5.3 PROJECT MANAGER

John Wirtz
Public Works Director
800 Oak Avenue
Wyoming, Ohio 45215
(513) 821 - 7600
(513) 821 - 7952

6.0 ATTACHMENTS/COMPLETENESS REVIEW:

Check each section below, confirming that all required information is included in this application.

- X A certified copy of the legislation by the governing body of the applicant authorizing a designated official to submit this application and execute contracts. (Attach)
- N/A A summary from the applicant's Chief Financial Officer listing all local share funds budgeted for the project and the date they are anticipated to be available. (Attach)
- X A registered professional engineer's estimate of projects useful life and cost estimate, as required in 164-1-14 and 164-1-16 of the Ohio Administrative Code. Estimates shall contain engineer's original seal and signature. (Attach)
- DNA A copy of the cooperation agreement(s) if this project involves more than one subdivision or district. (Attach)
- X Capital Improvements Report: (Required by 164 O.R.C. on standard form)
 X A: Attached.
 B: Report/Update Filed with the Commission within the last twelve months.
- DNA Floodplain Management Permit: Required if project is in 100 year floodplain. See Instructions.
- X Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), and other information to assist your district committee in ranking your project.

7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) that to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) that all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving minority business utilization, Buy Ohio, and prevailing wages.

IMPORTANT: Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement and a Notice To Proceed for this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding of the project.

SHARI S. HALDEMAN, CITY MANAGER
Certifying Representative (Type or Print Name and Title)

Shari S. Haldeeman 9/24/97
Signature/Date Signed

OHIO PUBLIC WORKS COMMISSION LOAN SUPPLEMENT

This supplement is required for all loan applicants.

Attach the following to the "Ohio Public Works Commission Application for Assistance"

- ☒ Copy of Legislation authorizing current rates.
- ☒ A statement from applicant's Chief Fiscal Officer certifying method of repayment.
- ☒ A copy of previous year Financial Statement.

Complete the following:

NUMBER OF CUSTOMERS

	Water	Sewer
Residential	3167	3117
Commerical	45	45
Industrial		
Other		

SYSTEM EXPENDITURES

	Water	Sewer
Operation Expenses	807,102	MSD
Debt Service Payments	9,600	None
Surplus	200,000	None
General Fund Transfer	40,000	None
Other	None	None

RATES

	Water	Sewer
Current	min. bill 900 cu.ft. \$20.00	ea. add. 100 cu.ft. \$2.00
Last Increase (year and amount)	.10/100 cu.ft. 97	
Planned Increase	1.00 increase on minimum	

RATINGS

Moody's	S&P	General Obligation	Revenues

DEBT OUTSTANDING

(do not include new OPWC loan)

	Total Debt	Annual Payment	Last Payment Date
Other OPWC loans	127,652	9,118	1997
Revenue Bonds	None	None	
GO Bonds	475	475	1997
Other			

**BBS
Corporation**

1103 Schrock Road
Columbus Ohio 43229 1179
614 888 3100 Tel
614 888 0043 Fax

Owners

Edward O. Varca
Paul R. Schlegel
Donald F. Cuthbert

Associates

Larry S. Clonch
Randall K. Drazba
Graham P. Gill
George W. Haggard
Robert J. Kuhn
Gary R. Long

Richard C. Miller
James E. Reedy
Scott E. Roser
Sham A. Sihabdeen
Alan H. Smith
Dennis F. Tinkler

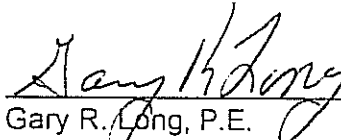
Consulting
Engineers

ENGINEER'S CERTIFICATE
FOR
OHIO PUBLIC WORKS
PROJECT APPLICATION

PROJECT: Wyoming Water Treatment Plant, 1997

OWNER: City of Wyoming, Ohio

I herein certify that, in my opinion, the Probable Construction Cost for the 1998 portion of the project is \$2,760,522 and the estimated useful life of the project is 30 years. A breakdown of the cost is attached.



Gary R. Long, P.E.

Ohio Certification No. E50552
BBS Corporation
1103 Schrock Road, Suite 400
Columbus, Ohio 43229

9-23-97
DATE



quality service
for more than
half a century

**BBS
Corporation**
1103 Schrock Road
Columbus Ohio 43229 1179
614 888 3100 Tel
614 888 0043 Fax

Owners
Edward O. Vance
Paul R. Schlegel
Donald F. Cuthbert

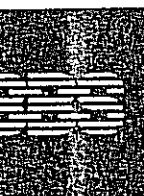
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Consulting
Engineers

CITY OF WYOMING, OHIO
WATER TREATMENT PLANT, 1997

Estimate of Construction Costs
1998 Portion

WATER TREATMENT PLANT BUILDING



General Requirements	\$ 358,000
Site Work	116,000
Concrete	369,000
Masonry	32,000
Metals	119,000
Wood and Plastics	11,000
Thermal and Moisture Protection	44,000
Doors and Windows	17,000
Finishes	16,000
Specialties	7,000
Equipment	808,000
Furnishings	14,000
Mechanical	203,000
Electrical	<u>387,000</u>

SUBTOTAL \$2,501,000

STORAGE BINS	\$ 14,000
METER VAULT	14,000
LIME SLUDGE TANK	131,000
BACKWASH WASTE TANK	94,000
WATER METER PIT	<u>6,522</u>

TOTAL \$2,760,522

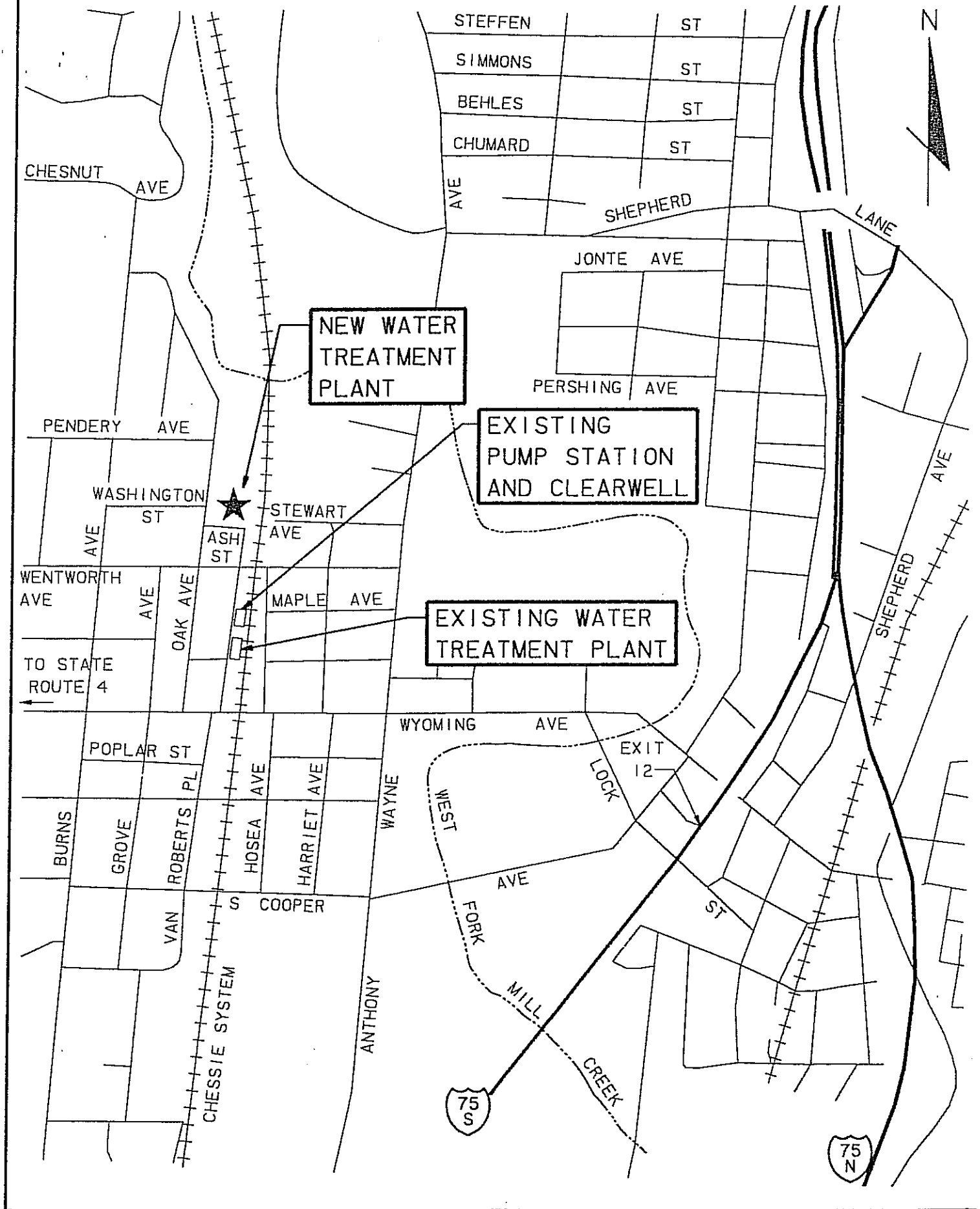
Quality service
for more than
half a century



CITY OF WYOMING • 800 OAK AVENUE • WYOMING, OHIO 45215
(513) 821-7600
FAX (513) 821-7952

This is to certify that the City of Wyoming anticipates repayment of the loan for construction of a water treatment plant by use of a combination of Water Revenue and General Fund Tax Revenue.

Mary Ann Engel
Mary Ann Engel, Finance Director





CITY OF WYOMING • 800 OAK AVENUE • WYOMING, OHIO 45215
(513) 821-7600
FAX (513) 821-7952

RESOLUTION NO. 9 - 1997

**RESOLUTION AUTHORIZING THE FILING OF AN
APPLICATION FOR S.C.I.P. 1997-1998
FUNDS AND EXECUTION OF PROJECT AGREEMENT
WITH OHIO PUBLIC WORKS COMMISSION**

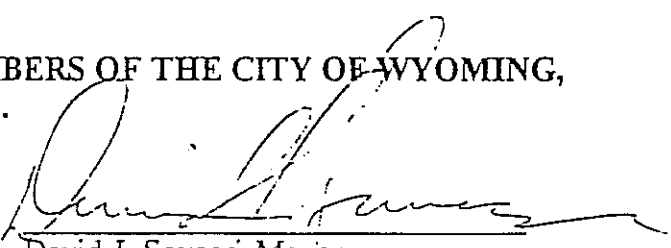
WHEREAS, in order to be eligible for S.C.I.P. 1997-1998 Funds through the State of Ohio in conjunction with the Ohio Public Works Commission, it is necessary to file an application requesting said funds.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WYOMING, OHIO:

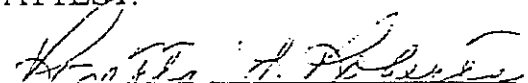
Section 1. The City Manager be, and she is hereby authorized and directed to file an application for 1997-1998 S.C.I.P. Funds to the District Public Works Integrating Committee.

Section 2. The City Manager is also authorized and directed to execute a project agreement with the Ohio Public Works Commission with respect to the utilization of such funds.

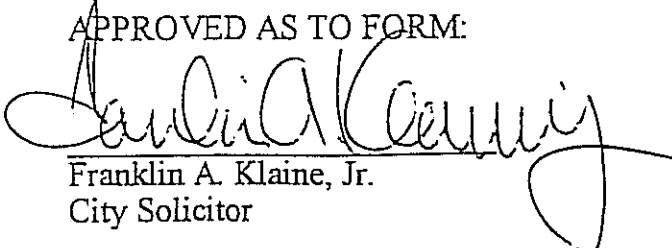
PASSED IN THE COUNCIL CHAMBERS OF THE CITY OF WYOMING, OHIO, THIS 18th DAY OF AUGUST, 1997.


David J. Savage, Mayor

ATTEST:


Rozetta L. Roberts, Clerk of Council

APPROVED AS TO FORM:


Franklin A. Klaine, Jr.
City Solicitor

ORDINANCE NO. 23 - 1996**ORDINANCE ADOPTING REVISED FEES AND CHARGES
FOR RECREATION DEPARTMENT, WATER DEPARTMENT,
BUILDING DEPARTMENT AND MISCELLANEOUS FEES**

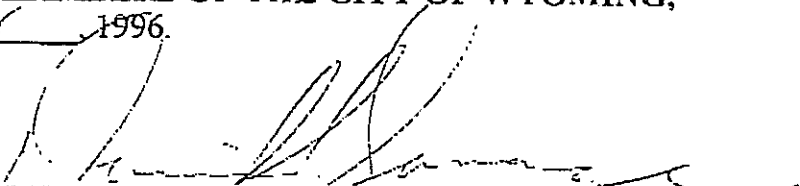
WHEREAS, the Council of the City of Wyoming reviews on a regular basis the current fees and charges which it utilizes relative to certain services which it provides to the residents of the City of Wyoming and other individuals; and

WHEREAS, it has come to the attention of the City of Wyoming, Ohio, that certain fees charged as hereinafter enumerated in Exhibit "A" hereof are not in line with the costs incurred to handle the administration expenses incurred by the City of Wyoming in operating or administering such program; and


**NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF
THE CITY OF WYOMING, OHIO:**

Section 1. The City Council of the City of Wyoming hereby approves the fee schedule attached hereby as Exhibit "A" for the fiscal year beginning January 1, 1997.

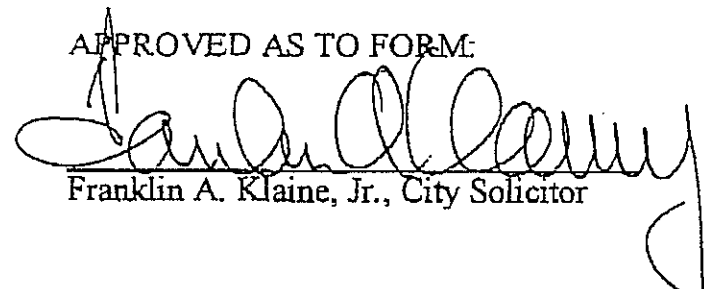
**PASSED IN THE COUNCIL CHAMBERS OF THE CITY OF WYOMING,
OHIO**, this 16th day of December, 1996.


David J. Savage, Mayor

ATTEST:


Rozetta L. Roberts, Clerk of Council

APPROVED AS TO FORM:


Franklin A. Klaine, Jr., City Solicitor

CITY OF WYOMING WATER FEE SCHEDULE

<u>1996</u>	<u>PROPOSED 1997</u>	<u>DATE LAST INCREASE</u>
<u>Inside Rates</u>		
Minimum bill		
Ea. add. 100 cu.ft.	900 cu.ft./20.00	1996
Development Impact Fee	1.90	1995
3/4" Water Tap	\$ 300 per acre	created 1994
1" Water Tap	1,803	1994
1.5" Water Tap	2,053	1994
2" Water Tap	2,253	1994
Const. Water New House	2,553	1994
	40	1994
		1995
<u>Outside Rates</u>		
Minimum Bill		
Ea. add. 100 cu.ft.	900 cu.ft./25.00	
3/4" Water Tap	2.37	1996
1" Water Tap	2,254	1994
1.5" Water Tap	2,566	1994
2" Water Tap	2,816	1994
Const. Water New House	3,191	1994
	50	1994
		1992
<u>Other Rates</u>		
Penalty -		
10% added to unpaid balance	10%	prior to 1989
Collection charge	15	1992
Shut-off charge	25	1993
3/4" Ball Valve	10	1991
1/2" Ball Valve	7	1991
1" Ball Valve	12	1991
Curb Box Repair Lid	14	1991
30" Meter Box Lid	56	1992
Small Meter Box Lid	20	1993
1" Water Meter Couplings	12	1993
3/4" Water Meter Couplings	8	1991
		1991

100

1

DATE
INCREASE

PROPOSED 1997

1996

WATER (continued)

1/2" Water Meter	7	1991
Couplings	85	1991
5/8" Water Meter	120	1991
3/4" Water Meter		
1" Water Meter	150	1991
1 1/2" Water Meter	325	1991
2" Water Meter	460	1991
Entire Curb Box	30	1994
Tank Water Per Year	750	1993
5/8 X 3/4 Yoke	40	
1" Yoke	70	

FINANCIAL STATEMENT

July 31, 1997

We hereby submit a statement of the financial conditions of the City of Wyoming as indicated by our records at the close of business on July 31, 1997.

Payroll Account		\$	66,471.09
Now Account			163,294.01
Petty Cash/Change Accounts			450.00
Investments	%		
Star Ohio			1,388,683.82
(Variable rate June Average)	5.46		
Certificates of Deposit		Maturity Date	
PNC Bank	5.42	08/15/97	300,000.00
PNC Bank	5.38	08/22/97	200,000.00
PNC Bank	5.45	08/29/97	200,000.00
PNC Bank	5.75	11/26/97	200,000.00
PNC Bank	5.5	12/19/97	200,000.00
PNC Bank	5.48	12/30/97	200,000.00
PNC Bank	5.3	12/31/97	25,000.00
PNC Bank	5.8	04/17/98	200,000.00
Total Investments			2,913,683.82
TOTAL			3,143,898.93

We hereby certify that this is a true and correct statement of the balances in the various accounts of the City of Wyoming as shown by our records at the close of business.

Mary Ann Engel
Finance Director

Shari S. Malden
City Manager

August 12, 1997
(Date)

August 12, 1997
(Date)

ADDITIONAL SUPPORT INFORMATION

For Program Year 1998 (July 1, 1998 through June 30, 1999), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items may be required by the Support Staff if information does not appear to be accurate.

- 1) What is the condition of the existing infrastructure to be replaced, repaired, or expanded? For bridges, submit a copy of the current State form BR-86.

Closed _____

Poor X

Fair _____

Good _____

Give a brief statement of the nature of the deficiency of the present facility such as: inadequate load capacity (bridge); surface type and width; number of lanes; structural condition; substandard design elements such as berm width, grades, curves, sight distances, drainage structures, or inadequate service capacity. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded.

See Attached

- 2) If State Capital Improvement Program funds are awarded, how soon (in weeks or months) after receiving the Project Agreement from OPWC (tentatively set for July 1, 1998) would the project be under contract? The Support Staff will be reviewing status reports of previous projects to help judge the accuracy of a particular jurisdiction's anticipated project schedule.

6 weeks/months (Circle one)

Are preliminary plans or engineering completed? ☒ Yes ☐ No

Are detailed construction plans completed? ☒ Yes ☐ No

Are all right-of-way and easements acquired?* Yes ☐ No ☒ N/A

*Please answer the following if applicable:

No. of parcels needed for project: 1 Of these, how many are Takes _____, Temporary _____, Permanent 1

On a separate sheet, explain the status of the ROW acquisition process of this project for any parcels not yet acquired.

Are all utility coordinations completed? ☒ Yes ☐ No ☐ N/A

Give an estimate of time, in weeks or months, to complete any item above not yet completed. 0 weeks/months

1. The existing WTP was originally constructed in 1931. Existing capacity of the existing WTP with all treatment units in service is about 2.1 MGD. Maximum daily usage has reached 3.1 MGD. The existing softening tank does not meet current design standards. It does not provide mechanical mixing, has no acceptable weir or outlet device and no automatic sludge collection or drain-off. The existing WTP has two filters. The rated capacity of each filter is about 1.05 MGD. According to Ohio EPA guidelines, each of the existing filters must be capable of treating the projected maximum daily usage. The existing filters do not meet current guidelines. The north wall of the filters is reinforced concrete and it is leaking. Hairline cracks are visible. The structural stability of this structure is undetermined. The WTP has a single line slaker which is in need of constant repair.

The existing WTP would be replaced with a new 3.0 MGD WTP that meets all Ohio EPA guidelines.

... the proposed project impact the general health, and welfare of the service area? (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, health hazards, user benefits, commerce, and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data.

With the new WTP the residents of Wyoming will have a consistent supply of high quality water. Since the capacity of the new WTP will be 0.9 MGD (2.1 to 3.0 MGD) greater than the old WTP fire protection will be enhanced.

- 4) What type of funds are to be utilized for the local share for this project? (N/A)

Federal	_____	ODOT	_____	Local	_____
MRF	_____	OWDA	_____	CDBG	_____
Other	_____				

Note: If MRF funds are being used for the local share, the MRF application must have been filed by August 1, 1997 for this project with the Hamilton County Engineer's Office.

The minimum amount of matching funds for grant projects (local share) must be at least 10% of the TOTAL CONSTRUCTION COST. What percentage of matching funds are being committed to this project?

_____ % (N/A)

- 5) Has any formal action by a federal, state, or local government agency resulted in a complete or partial ban of the use or expansion of use for the involved infrastructure? (Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits.) A copy of the approved legislation must be submitted with the application. THE BAN MUST HAVE AN ENGINEERING JUSTIFICATION TO BE VALID.

Complete Ban _____ Partial Ban _____ No Ban X

Will the ban be removed after the project is completed?

Yes _____ No _____ (N/A)

- 6) What is the total number of existing users that will benefit as a result of the proposed project?

10,500 population

For roads and bridges, multiply current documented Average Daily Traffic by 1.20. For public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4.

- 7) Has the jurisdiction developed a Five Year Capital Improvement Plan as required in O.R.C., chapter 164?

Yes X No

- 8) Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

With the replacement and expansion of the WTP the residents of Wyoming

will have a WTP whose capacity can meet the maximum daily demand, meets

all current Ohio EPA guidelines and will provide consistent high quality
water.

- 9) For roadway betterment projects, provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO'S "Geometric Design of Highways and Streets" and the 1985 Highway Capacity Manual.

Existing LOS

Proposed LOS

If the proposed LOS is not "C" or better, explain why LOS "C" cannot be achieved. (Attach separate sheets if necessary.)

N/A

2.0 d.)

Current residential water rate based on monthly usage of 7,756 gallons is as follows:

7756 gallons → 1036.9 cu. ft.

Inside Wyoming city limits

First 900 cu. ft. @ \$20.00

Each additional 100 cu. ft. @ \$2.00

$\$20.00 + (1036.9 - 900) \times \$2.00/100 = \$22.74$

\$22.74 per 7,756 gallons

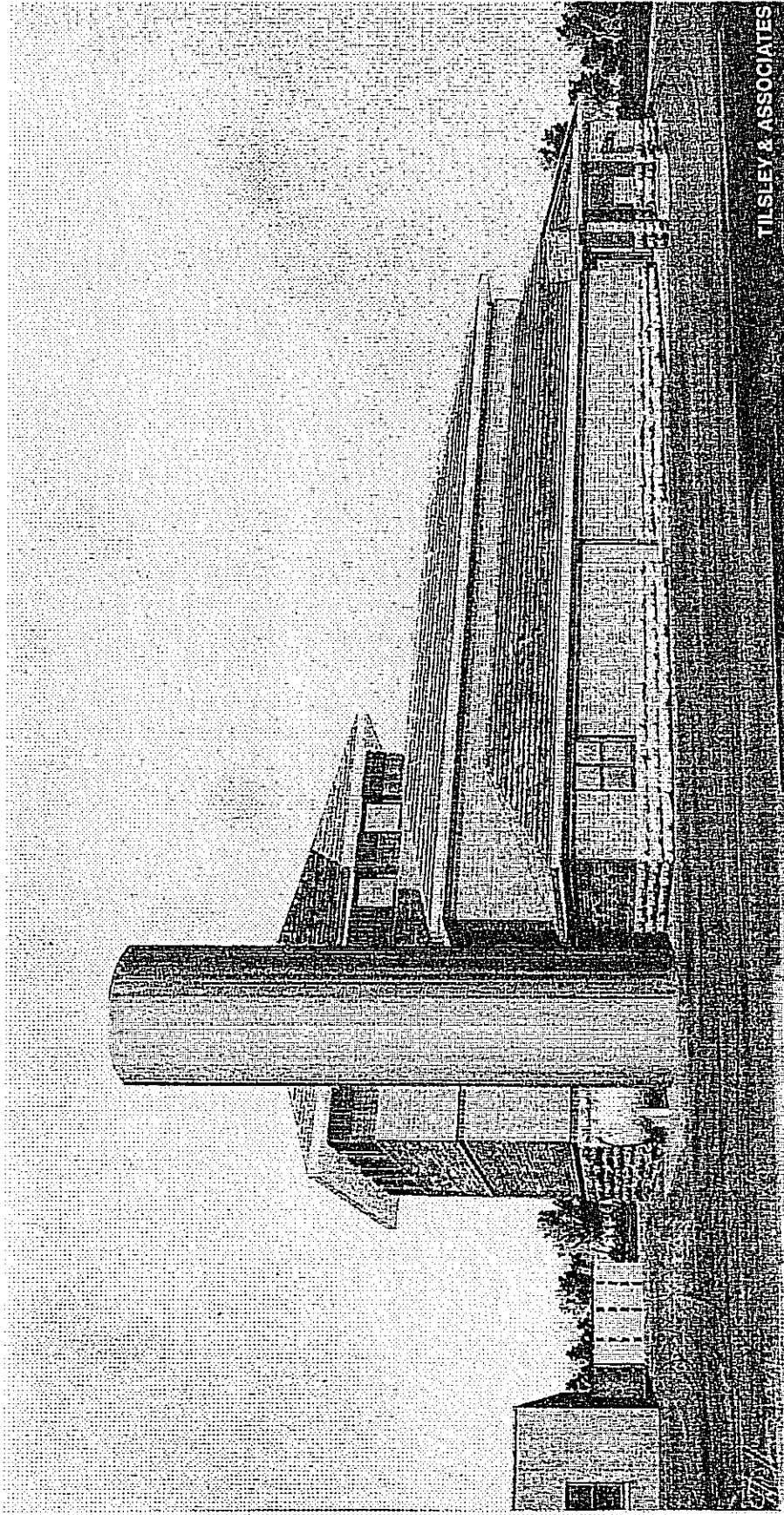
Outside Wyoming city limits

First 900 cu. ft. @ \$25.00

Each additional 100 cu. ft. @ \$2.50

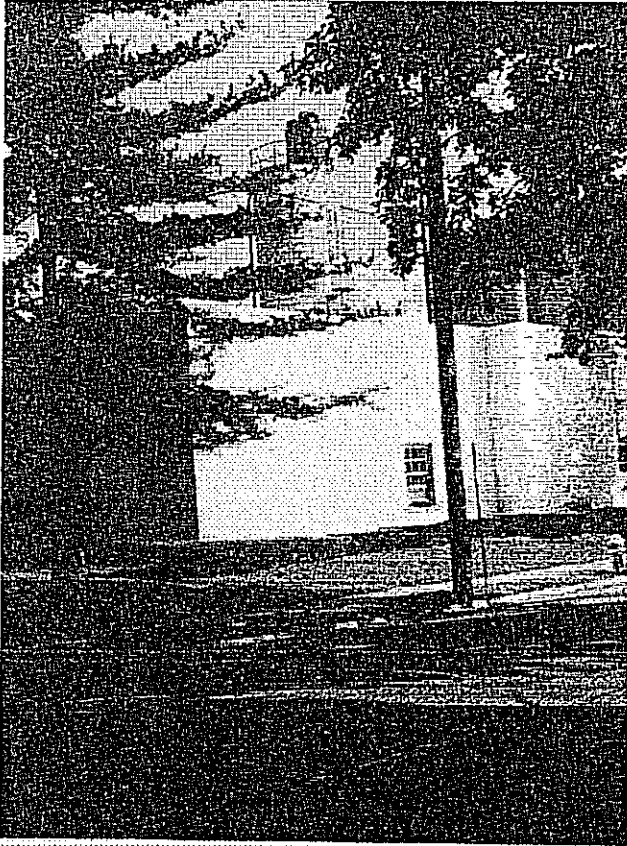
$\$25.00 + (1036.9 - 900) \times \$2.50/100 = \$28.42$

\$28.42 per 7,756 gallons

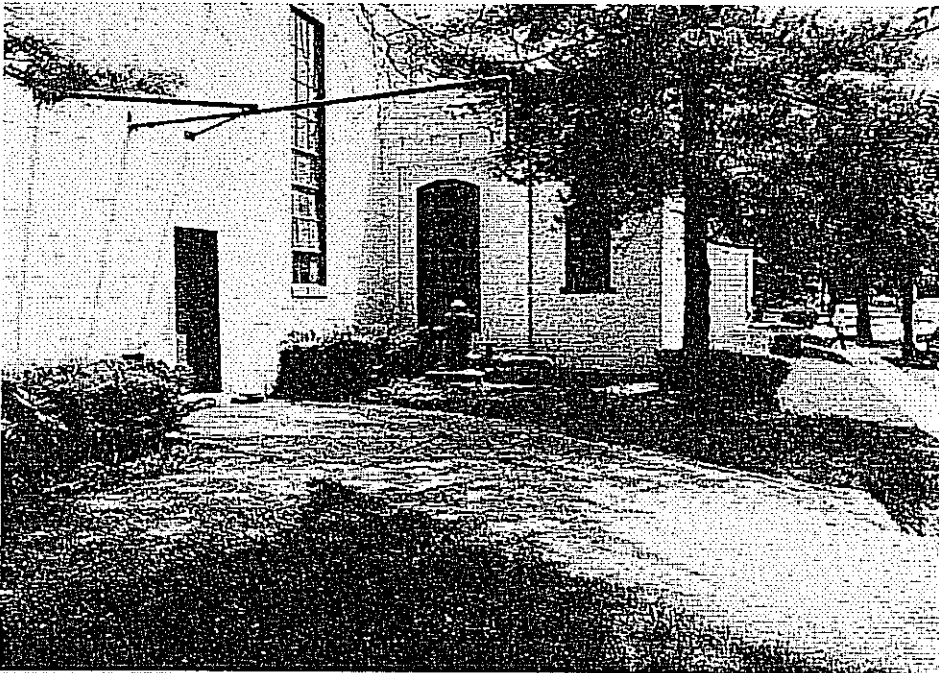


ARTIST RENDERING
OF WYOMING'S NEW
WATER TREATMENT
PLANT

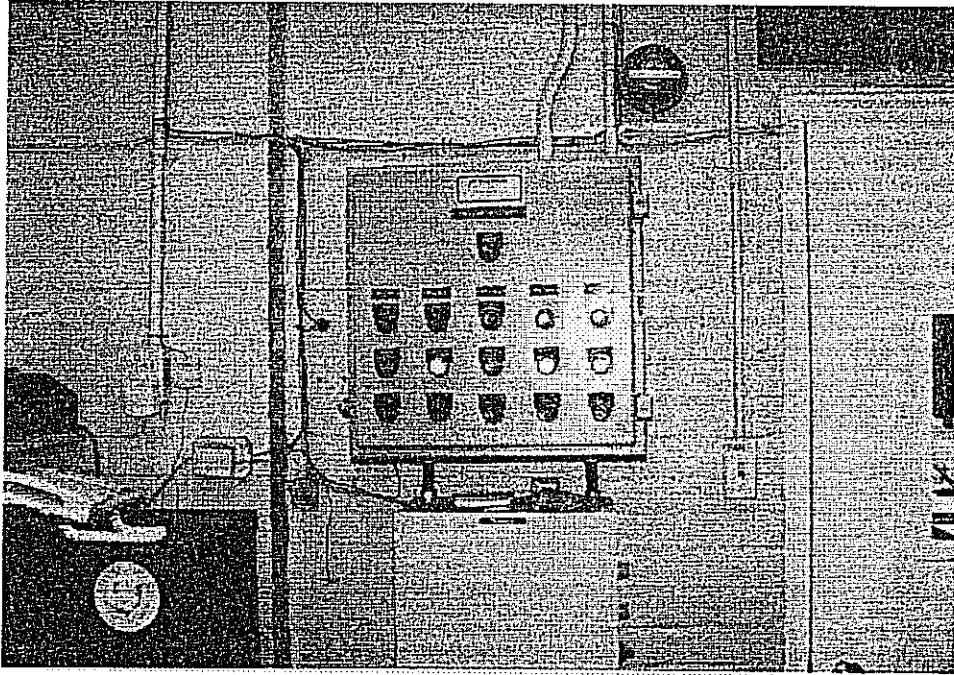
EXISTING WATER TREATMENT PLANT PHOTOGRAPHS



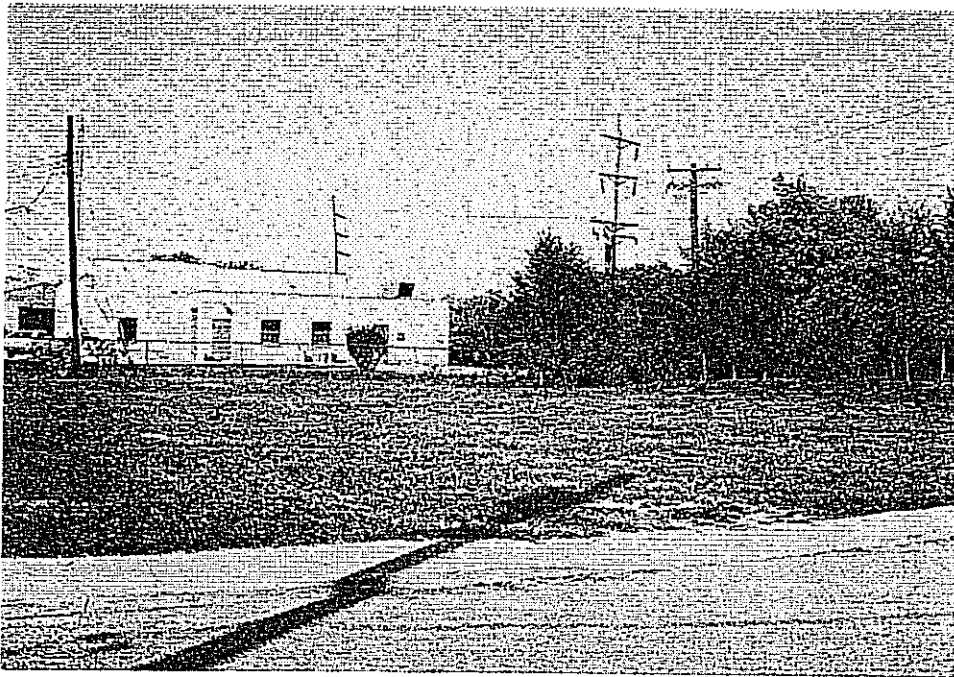
These photographs are exterior views of the existing Water Treatment Plant on Van Roberts Place.



EXISTING CONTROLS IN EXISTING WATER TREATMENT PLANT



SITE LOCATION OF NEW WATER TREATMENT PLANT AT 800 OAK AVENUE



PROJECT TITLE	FISCAL START	YEAR END
FLEMING ROAD IMPROVEMENTS	<u>1998</u>	<u>1998</u>

PROJECT DESCRIPTION - Rehabilitation of Fleming Road from Morts Pass to Springfield Pike. Mill and remove existing asphalt, repair base failures, install curbs, install new storm sewer system, rework to provide standard crown, and repave.

PROJECT JUSTIFICATION - At present, the roadway has drainage conditions that cause problems in the winter months, is showing stress from aged, oxidized asphalt and has multiple cracks. Rehabilitation will address problems with curbing, gutters, catch basins and drainage. Reduced crown will provide better sight distance. This project is contingent upon receipt of SCIP funds which require a minimum 10% local match.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/ ENGINEERING	30,000					30,000
LAND ACQUISITION						
CONSTRUCTION	450,000					450,000
EQUIPMENT						
OTHER						
TOTAL COSTS	480,000					480,000

SOURCE OF FUNDS

GENERAL FUND	70,000					70,000
FEDERAL AID						
WATER WORKS						
MRF	100,000					100,000
STREET CONST. FUND	30,000					30,000
SCIP	280,000					280,000
TOTAL FUNDS	480,000					480,000

OPERATING COSTS

OPERATING REVENUE

NET IMPACT

7/31/97

CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL

PROJECT TITLE

FISCAL

YEAR

START

END

STREET RESURFACING/NEW CURBS/CURB REPAIRS

1998ON-GOING

PROJECT DESCRIPTION - A five year program to provide major resurfacing of all streets on attached list; install new curbs on St. Claire Avenue, West Mills Avenue, Central Terrace, and North Avenue; and provide repairs to existing curbs throughout City.

PROJECT JUSTIFICATION - Listed streets are in poor condition; last major resurfacing completed in 1980-1982. Resurfacing will improve safety and City appearance, and prevent need for reconstruction (at increased cost) in future years. Installation of new curbs to address drainage problems and improve safe use of the City streets. Maintenance/repair of existing curbs will prevent continued deterioration of existing infrastructure.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
---------------	------	------	------	------	------	-------

PLANNING

ARCHITECTURAL/
ENGINEERING

10,000

10,000

10,000

10,000

10,000

500,000

LAND ACQUISITION

CONSTRUCTION

400,000

400,000

400,000

400,000

400,000

1,700,000

EQUIPMENT

OTHER

TOTAL COSTS

410,000

410,000

410,000

310,000

210,000

1,700,000

SOURCE OF FUNDS

GENERAL FUND

410,000

410,000

410,000

410,00

410,000

1,700,000

FEDERAL AID

WATER WORKS

BONDS

STREET

CONSTRUCTION FUND

TOTAL FUNDS

410,000

410,000

410,000

310,00

210,000

1,700,000

OPERATING COSTS

OPERATING SUPPLIES

NET IMPACT

7/31/97

Resurface Streets

Burns Avenue (North end) Wyoming North
Oak Avenue
North Avenue
North Park Avenue
Maple Avenue
E. Charlotte Avenue
Vale Avenue
Stearns Avenue
Elm Avenue
Forest Avenue
Laurence Road
Ridgecliff Road
Beechwood Lane
Forest Court
Mary Lane
Central Terrace
Tohatchi Drive
Ardon Lane
Brocdorf Drive
Woodknoll Terrace
Compton Ridge Drive
Ridgeview Drive
W. Charlotte Avenue
West Avenue
Pendery Avenue
Washington Avenue
Diplomat Drive
Compton Hills Drive
Poage Farm Road
Whithorne Drive
Meadow Lane

New Curbs

St. Claire Avenue
West Mills Avenue
North Avenue
Central Terrace

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

PROJECT TITLE	FISCAL START	YEAR END
TREE PLANTING - NEW AND REPLACEMENT	<u>1998</u>	<u>ongoing</u>

PROJECT DESCRIPTION - Plant 250 - 300 trees with 1 3/4" to 2" trunk sizes to replace those which were removed and also to plant new trees in areas that need them. Heavy loss of sugar maples the last two years requires additional planting in 1998.

PROJECT JUSTIFICATION - This is an ongoing project in accordance with previous direction from City Council, Urban Forestry Board and the 1982 Street Tree Master Plan. The project improves aesthetics, attracts potential residents, increases property values and contributes to conservation efforts.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/ ENGINEERING						
LAND ACQUISITION						
CONSTRUCTION						
EQUIPMENT						
TREES	30,000	15,000	15,000	15,000	15,000	90,000
TOTAL COSTS	30,000	15,000	15,000	15,000	15,000	90,000

SOURCE OF FUNDS

GENERAL FUND	30,000	15,000	15,000	15,000	15,000	90,000
FEDERAL AID						
WATER WORKS						
BONDS						
STREET CONSTRUCTION FUND						
TOTAL FUNDS	30,000	15,000	15,000	15,000	15,000	90,000

OPERATING COSTS

OPERATING REVENUE

NET IMPACT

07/31/97

CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL

PROJECT TITLE	FISCAL START	YEAR END
SPRINGFIELD PIKE RESURFACING	<u>1998</u>	<u>1998</u>

PROJECT DESCRIPTION - A two year program to provide for engineering in 1997 and major resurfacing of Springfield Pike in 1998.

PROJECT JUSTIFICATION - The Pike is in poor condition; last major resurfacing was completed in 1988. Resurfacing will improve safety and appearance and prevent reconstructio (at an increased cost) in a future year. Resurfacing consists of grinding off of 3" and a 3" overlay and drainage improvements.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/ ENGINEERING						
LAND ACQUISITION						
CONSTRUCTION	300,000					300,000
EQUIPMENT						
TOTAL COSTS	300,000					300,000

SOURCE OF FUNDS

GENERAL FUND

FEDERAL AID (80%)	240,000	240,000
----------------------	---------	---------

STATE AID (20%)	60,000	60,000
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BONDS

OTHER

TOTAL FUNDS	300,000	300,000
-------------	---------	---------

OPERATING COSTS

OPERATING REVENUE

NET IMPACT

7/31/97

PROJECT DETAIL

PROJECT TITLE

FISCAL

YEAR

START

END

BONHAM ROAD REHABILITATION

19981998

PROJECT DESCRIPTION - Rehabilitation of Bonham Road from the City's west corporate line to Springfield Pike, including addition of a turn lane at Bonham Road and Springfield Pike. This rehabilitation will address problems with curbing, gutters, catch basins, and drainage. Roadway will be reworked to provide a standard crown and widening of roadway to standard lane width.

PROJECT JUSTIFICATION - At present, the roadway has drainage conditions that cause problems in the winter months. This project is contingent upon receipt of Issue 2 Funds or Municipal Road Funds. A 10% local match is needed.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/ DURING CONSTRUCTION	15,000					15,000
LAND ACQUISITION						
CONSTRUCTION	285,000					285,000
EQUIPMENT						
OTHER						
TOTAL COSTS	300,000					300,000

SOURCE OF FUNDS

GENERAL FUND	40,000					70,000
FEDERAL AID						
WATER WORKS						
MRF	75,000					75,000
STREET CONSTRUCTION	30,000					30,000
ISSUE 2 FUNDS/ MUNICIPAL ROAD FUNDS	155,000					155,000
TOTAL FUNDS	300,000					300,000

OPERATING COSTS

OPERATING REVENUE

NET IMPACT

**CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL**

PROJECT TITLE**FISCAL
START****YEAR
END**

VALE AVENUE BRIDGE REPLACEMENT

19981998**PROJECT DESCRIPTION** - Replace Vale Avenue bridge.

PROJECT JUSTIFICATION - This bridge is over fifty years old and is deteriorating with exposed reinforcement, severe splitting of concrete and cracks in the side walls. This bridge has a 10 ton load limit with signs posted on both ends. Project is contingent upon receipt of SCIP funds which requires a 10% local match.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/ ENGINEERING	14,000					14,000
LAND ACQUISITION						
CONSTRUCTION	150,000					150,000
EQUIPMENT						
OTHER						
TOTAL COSTS	164,000					164,000

SOURCE OF FUNDS

GENERAL FUND

FEDERAL AID

WATER WORKS

STREET
CONSTRUCTION

50,000

50,000

MRF

30,000

30,000

SCIP

84,000

84,000

TOTAL FUNDS

164,000

164,000

OPERATING COSTS**OPERATING REVENUE****NET IMPACT**

8/1/97

#7

CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL

PROJECT TITLE	FISCAL START	YEAR END
MUNICIPAL BUILDING ROOF REPLACEMENT	<u>1998</u>	<u>1998</u>

PROJECT DESCRIPTION - Replace roof over the flat areas of the City building with a new membrane roof.

PROJECT JUSTIFICATION - The present roof has been patched for leaks. (The slate portion of the roof is ok.) Present roof was installed in 1985.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/	2,000					2,000
ENGINEERING						
LAND ACQUISITION						
CONSTRUCTION	16,500					16,500
EQUIPMENT						
OTHER						
TOTAL COSTS	18,500					18,500

SOURCE OF FUNDS						
GENERAL FUND	18,500					18,500
FEDERAL AID						
WATER WORKS						
BONDS						
STREET CONSTRUCTION FUND						
TOTAL FUNDS	18,500					18,500

OPERATING COSTS

OPERATING REVENUE

NET IMPACT

8/1/97

PROJECT DETAIL

PROJECT TITLE

FISCAL

YEAR

START

END

CITY WIDE ADA SIDEWALK RAMPS

19981998

PROJECT DESCRIPTION - In 1998 remove curbs, and install ramps to street at all intersections throughout the entire City.

PROJECT JUSTIFICATION - Provide easy access to all City sidewalks for the disabled residents. Remove barriers which restrict the handicapped.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/ ENGINEERING						
LAND ACQUISITION						
CONSTRUCTION	35,000					35,000
EQUIPMENT						
OTHER						
TOTAL COSTS	35,000					35,000

SOURCE OF FUNDS

GENERAL FUND

FEDERAL AID

COMMUNITY
DEVELOPMENT FUNDS

35,000

BONDS

STREET
CONSTRUCTION FUND

TOTAL FUNDS

35,000

OPERATING COSTS

OPERATING REVENUE

NET IMPACT

8/1/97

PROJECT DETAIL

PROJECT TITLE

FISCAL

YEAR

START

END

GROVE AVENUE RECONSTRUCTION

19981999

PROJECT DESCRIPTION - Reconstruct Grove Avenue from Waverly Avenue to Cooper Avenue. Install new curbs and gutters, storm sewers and catch basins, remove crown, and totally rebuild. New curbs and guards and resurface street from Wyoming to Cooper Avenue.

PROJECT JUSTIFICATION - The high crown on this street negatively impacts drainage and driveability. The pipes under driveways are clogged and cars drag on the street surface.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL	20,000					20,000
ENGINEERING						
LAND ACQUISITION						
CONSTRUCTION		200,000				200,000
EQUIPMENT						
OTHER						
TOTAL COSTS	20,000	200,000				220,000

SOURCE OF FUNDS

GENERAL FUND	20,000	20,000				40,000
FEDERAL AID						
WATER WORKS						
BONDS						
SCIP		180,000				180,000
TOTAL FUNDS	20,000	200,000				220,000

OPERATING COSTS

OPERATING REVENUE

NET IMPACT

8/1/97

CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL

PROJECT TITLE	FISCAL START	YEAR END
NORTH PARK ARBORETUM	<u>1998</u>	<u>1999</u>

PROJECT DESCRIPTION - Develop an arboretum between North Park Avenue and Mill Creek. Plant various species of trees, build a formal garden area with a walkway throughout the arboretum, with benches placed in each area.

PROJECT JUSTIFICATION - Improve the aesthetics in the area and develop the park into a recreational site that can be enjoyed by residents of all ages.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/ ENGINEERING						
LAND ACQUISITION						
CONSTRUCTION						
EQUIPMENT						
TREES AND PLANTS	3,000	3,000				6,000
TOTAL COSTS	3,000	3,000				6,000

SOURCE OF FUNDS

GENERAL FUND						
FEDERAL AID						
WATER WORKS						
BONDS						
OTHER/GRANTS P & G	3,000	3,000				6,000
TOTAL FUNDS	3,000	3,000				6,000

OPERATING COSTS

OPERATING REVENUE

NET IMPACT

8/1/97

PROJECT DETAIL

PROJECT TITLE

FISCAL

YEAR

START

END

PARKING LOT CONSOLIDATION

19981998

PROJECT DESCRIPTION - Upgrade parking lot from Crescent Avenue to Grove Avenue through acquisition and consolidation of separate gravel lots, reconstruct parking lot for storm water drainage, install curbing, and new asphalt.

PROJECT JUSTIFICATION - Provide more parking for the area and enhance the economic development of the business district.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/ ENGINEERING						
EASEMENTS/ LAND ACQUISITION	15,000					15,000
CONSTRUCTION	110,000					110,000
EQUIPMENT						
OTHER						
TOTAL COSTS	125,000					120,000

SOURCE OF FUNDS

GENERAL FUND	125,000					125,000
FEDERAL AID						
WATER WORKS						
BONDS						
OTHER						
TOTAL FUNDS	125,000					125,000

OPERATING COSTS

OPERATING REVENUE

NET IMPACT

8/1/97

CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL

PROJECT TITLE

STATE ROUTE 4 CLOSED LOOP TRAFFIC SIGNAL
IMPROVEMENT

FISCAL

START

2002

YEAR

END

2003

PROJECT DESCRIPTION - Install new wiring to traffic signals on Springfield Pike.

PROJECT JUSTIFICATION - Present wiring is over 35 years old and the signals are not working as a synchronized unit. Traffic signals should be synchronized at 35 mph. A vehicle should be able to travel the full length of Springfield Pike without stopping. This provides for better traffic flow through Wyoming.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/ ENGINEERING	30,000					30,000
LAND ACQUISITION						
CONSTRUCTION		300,000				300,000
EQUIPMENT						
OTHER						
TOTAL COSTS	30,000	300,000				330,000

SOURCE OF FUNDS

GENERAL FUND	30,000	300,000				330,000
FEDERAL AID						
WATER WORKS						
MRF						
STREET CONSTRUCTION FUND						
TOTAL FUND	30,000	300,000				330,000

OPERATING COSTS

OPERATING REVENUE

NET IMPACT

8/1/97

#1

CAPITAL IMPROVEMENT PROGRAM PROJECT DETAIL

PROJECT TITLE

FISCAL
START
1998YEAR
END
2002

WELL MAINTENANCE

PROJECT DESCRIPTION - Rehabilitate two wells per year to ensure full productivity through 1998.
(One well in following years.) Occasionally, as needed, repair or replace pumps and motors on the wells.

PROJECT JUSTIFICATION - Maintaining the productivity of the well ensures an adequate water supply, reduces maintenance costs and equipment failures, and is one element of an EPA approvable wellhead protection program. Proper maintenance also reduces the chances of surface contamination accessing the aquifer.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/ ENGINEERING						
LAND ACQUISITION						
CONSTRUCTION	25,000	25,000	25,000	25,000	25,000	125,000
EQUIPMENT						
OTHER COSTS	25,000	25,000	25,000	25,000	25,000	125,000
SOURCE FUNDS						
GENERAL FUND						
	25,000	25,000	25,000	25,000	25,000	125,000
	25,000	25,000	25,000	25,000	25,000	125,000
OPERATING						
OPERATING						
NET 1						

8/1/97

#2 CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL

PROJECT TITLE	FISCAL	YEAR
	START	END
NEW WATER WORKS	<u>1998</u>	<u>1999</u>

PROJECT DESCRIPTION - While still operating the existing facility, build a new water works, featuring new softening and sludge handling techniques, enhanced filter capacity, new energy-efficient pumps, in a building more secure, more insulated, and less in need of repair and maintenance.

PROJECT JUSTIFICATION - Water works, as it exists, has high maintenance and repair costs, and is a mixture of old and new equipment. Rehab of old facility to meet current demands and regulations would be more costly than a new facility. Using Cincinnati water would be costly as well, and the community would lose control of its water supply.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ENGINEERING	50,000					50,000
CONSTRUCTION	2,500,000					2,500,000
EQUIPMENT	1,235,000					1,235,000
OTHER						
TOTAL COSTS	3,785,000					3,785,000

SOURCE OF FUNDS

GENERAL FUND

FEDERAL AID

WATER WORKS

BONDS

SCIP LOAN (INTEREST FREE)	3,785,000					3,785,000
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TOTAL FUNDS	3,785,000					3,785,000
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OPERATING COSTS

OPERATING REVENUE

NET IMPACT

8/1/976

PROJECT DETAIL

PROJECT TITLE

FISCAL

YEAR

START

END

WATER MAIN REPLACEMENT

19981999

PROJECT DESCRIPTION - In 1997 replace 500 feet of 4" water main on Willowbrook Drive with a 6" line. In 1999, replace 2,600 feet of 6" water main on Ridgeview Drive from Compton Road to Compton Ridge Drive and up Compton Ridge to Ardon Lane.

PROJECT JUSTIFICATION - Both mains have had breaks in the pst eight years. By length, Willowbrook represents only 0.2% of the mains in the system and yet was the site of 5% of all main breaks in the years 1991-1995. Compton Ridge and Ridgeview have been the site of 10 main breaks in eight years, and a number of iron complaints have been received from that neighborhood.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/ ENGINEERING						
LAND ACQUISITION						
CONSTRUCTION	30,000	110,000				140,000
EQUIPMENT						
OTHER						
TOTAL COSTS	30,000	110,000				140,000

SOURCE OF FUNDS

GENERAL FUND

FEDERAL AID

WATER WORKS	30,000	110,000				140,000
-------------	--------	---------	--	--	--	---------

BONDS

OTHER

TOTAL FUNDS	30,000	110,000				140,000
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OPERATING COSTS

OPERATING REVENUE

NET IMPACT

8/1/97

CAPITAL IMPROVEMENT PROGRAM

PROJECT DETAIL

PROJECT TITLE

FISCAL

YEAR

START

END

WATER DISTRIBUTION SYSTEM STORAGE

19992000

PROJECT DESCRIPTION - Construct a 500,000 gallon elevated, spherical water storage tank near the intersection of Fleming Road and Beech Drive, along with 2,000 feet of 12" water main to supply the tank.

PROJECT JUSTIFICATION - Several engineering studies, most recently by Burgess and Niple, indicate that this storage tank will insure adequate flow and pressure to the northeast part of the water system, in Springfield Township. Construction of the tank would complete the improvements that began with the 1995 installation of 12" main from the old water sphere to Flemington Drive.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/		65,000				65,000
ENGINEERING						
LAND ACQUISITION		50,000				50,000
CONSTRUCTION		660,000				660,000
EQUIPMENT						
OTHER						
TOTAL COSTS		775,000				775,000

SOURCE OF FUNDS

GENERAL FUND

FEDERAL AID

WATER WORKS

BONDS

775,000

775,000

OTHER

TOTAL FUNDS

775,000

775,000

OPERATING COSTS

OPERATING REVENUE

NET IMPACT

8/1/97

#5 CAPITAL IMPROVEMENT PROGRAM
PROJECT DETAIL

PROJECT TITLE	FISCAL	YEAR
	START	END
COMPUTER TIED TO CITY NETWORK	<u>1999</u>	<u>1999</u>

PROJECT DESCRIPTION - Following the construction of the new water plant, purchase and install necessary hardware, to include cable, computer, monitor, and printer. Purchase and install software as needed.

PROJECT JUSTIFICATION - As part of the City network, the water treatment plant could exchange data with billing and the administration more efficiently, receive work orders and requests directly and more quickly, summon billing data when necessary in the course of customer service activity, and have a back-up of records which currently are manual.

PROJECT COSTS	1998	1999	2000	2001	2002	TOTAL
PLANNING						
ARCHITECTURAL/ ENGINEERING						
LAND ACQUISITION						
CONSTRUCTION		3,000				3,000
EQUIPMENT		3,000				3,000
OTHER (software)		1,000				1,000
TOTAL COSTS		7,000				7,000

SOURCE OF FUNDS

GENERAL FUND		
FEDERAL AID		
WATER WORKS	7,000	7,000
BONDS		
OTHER		
TOTAL FUNDS	7,000	7,000

OPERATING COSTS

OPERATING REVENUE

NET IMPACT

8/1/97

SCIP/LTIP PROGRAM
ROUND 12 - PROGRAM YEAR 1998
PROJECT SELECTION CRITERIA
JULY 1, 1998 TO JUNE 30, 1999

JURISDICTION/AGENCY: CITY OF WYOMING

NAME OF PROJECT: WATER TREATMENT PLANT 1997

PRELIMINARY SCORE FOR THIS PROJECT: 59

FINAL SCORE FOR THIS PROJECT: _____

RATING TEAM: _____

- | | | |
|----|--|---------------|
| | | <u>POINTS</u> |
| 1) | If SCIP/LTIP funds are granted, when would the construction contract be awarded? <u>(See Addendum for definition of delinquency)</u> | <u>10</u> |
| | 10 Points - Will be under contract by end of 1998 and no delinquent projects in Rounds 9 & 10. | |
| | 5 Points - Will be under contract by March 30, 1999 and/or jurisdiction has had one delinquent project in Rounds 9 & 10. | |
| | 0 Points - Will not be under contract by March 30, 1999 and/or jurisdiction has had more than one delinquent project in Rounds 9 & 10. | |
| 2) | What is the physical condition of the existing infrastructure to be replaced or repaired? <u>(See Addendum for definitions)</u> | |
| | 25 Points - Failed | <u>20</u> |
| | 23 Points - Critical | |
| | 20 Points - Very Poor | |
| | 17 Points - Poor | |
| | 15 Points - Moderately Poor | |
| | 10 Points - Moderately Fair | |
| | 5 Points - Fair Condition | |
| | 0 Points - Good or Better | |

NOTE: If the infrastructure is in "good" or better condition, it will NOT be considered for SCIP/LTIP funding unless it is an expansion project that will improve serviceability.

3) If the project is built, what will be its effect on the facility's serviceability? Documentation is required.

- 5 Points - Project design is for future demand.
- 4 Points - Project design is for partial future demand.
- 3 Points - Project design is for current demand.
- 2 Points - Project design is for minimal increase in capacity.
- 1 Point - Project design is for no increase in capacity.

3

4) How important is the project to *HEALTH, SAFETY, AND WELFARE* of the public and the citizens of the District and/or service area? (See Addendum for definitions)

- 10 Points - Highly significant importance, with substantial impact on all 3 factors.
- 8 Points - Considerably significant importance, with substantial impact on 2 factors, or noticeable impact on all 3 factors.
- 6 Points - Moderate importance, with substantial impact on 1 factor or noticeable impact on 2 factors.
- 4 Points - Minimal importance, with noticeable impact on 1 factor
- 2 Points - No measurable impact

6

5) What is the overall economic health of the jurisdiction?

- 10 Points
- 8 Points
- 6 Points
- 4 Points
- 2 Points

4

6) What matching funds are being committed to the project, expressed as as a percentage of the *TOTAL CONSTRUCTION COST*? Loan and Credit Enhancement projects automatically receive 5 points, and no match is required. All grant funded projects require a minimum of 10% matching funds.

- 5 Points - 50% or more
- 4 Points - 40% to 49.99%
- 3 Points - 30% to 39.99%
- 2 Points - 20% to 29.99%
- 1 Point - 10% to 19.99%

5

- 7) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure? *POINTS MAY ONLY BE AWARDED IF THE END RESULT OF THE PROJECT WILL CAUSE THE BAN TO BE LIFTED.*

5 Points - Complete ban
3 Points - Partial ban
0 Points - No ban of any kind

0

- 8) What is the total number of existing daily users that will benefit as a result of the proposed project? Appropriate criteria include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for the roads and bridges, but only when certifiable ridership figures are provided.

5 Points - 16,000 or more
4 Points - 12,000 to 15,999
3 Points - 8,000 to 11,999
2 Points - 4,000 to 7,999
1 Point - 3,999 and under

3

- 9) Does the infrastructure have regional impact? Consider originations and destinations of traffic, functional classifications, size of service area, number of jurisdictions served, etc. (See Addendum for definitions)

5 Points - Major impact
4 Points -
3 Points - Moderate impact
2 Points -
1 Point - Minimal or no impact

5

- 10) Has the jurisdiction enacted the optional \$5 license plate fee, an infrastructure levy, a user fee, or a dedicated tax for infrastructure and provided certification of which fees have been enacted?

5 Points - Two of the above
3 Points - One of the above
0 Points - None of the above

3

ADDENDUM TO THE RATING SYSTEM DEFINITIONS/CLARIFICATIONS

Criterion 1 - ABILITY TO PROCEED

The Support Staff will assign points based on engineering experience and OPWC defined delinquent projects. A project will be considered delinquent when any of the following occurs: 1) A letter is sent from the OPWC to the affected jurisdiction stating that the project has not moved in accordance with the time frame listed on the application (copies are sent to the District); or 2) no time extension has been granted by the OPWC; or 3) A jurisdiction receiving approval for a project subsequently terminates the same after the bid date on the application. The OPWC sends a letter to a jurisdiction which announces that its' project is going to be terminated when the project is sixty (60) days beyond the bid date shown on the original application and a time extension for the project has not previously been requested or has been denied.

2 - CONDITION

Condition is based on the amount of deterioration that is field verified or documented exclusive of capacity, serviceability, or health, safety and welfare issues. Condition is rated only on the existing facility being repaired or abandoned. If the existing facility is not being abandoned or repaired, but a new facility is being built, it shall be considered as an expansion project. (Documentation may include ODOT BR-86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included with the original application.)

Definitions:

FAILED CONDITION - Requires complete reconstruction where no part of the existing facility is salvageable. (e.g. Roads: complete reconstruction of roadway, curbs and base; Bridges: no part of the bridge can be salvaged; Underground: removal and replacement of an underground drainage or water system; Hydrants: completely non-functioning and replacement parts are unavailable.)

CRITICAL CONDITION - Requires moderate or partial reconstruction to maintain integrity. (e.g. Roads: reconstruction of roadway, curbs can be saved; Bridges: only the substructure can be salvaged with modifications; Underground: removal and replacement of part of an underground drainage or water system; Hydrants: some non-functioning, others obsolete and replacement parts are unavailable.)

VERY POOR CONDITION - Requires extensive rehabilitation to maintain integrity. (e.g. Roads: extensive full depth, partial depth and curb repair of a roadway with a structural overlay; Bridges: substructure and superstructure can be salvaged with extensive repairs; Underground: repair of joints and/or minor replacement of pipe sections; Hydrants: non-functioning and replacement parts are available.)

POOR CONDITION - Requires standard rehabilitation to maintain integrity. (e.g. Roads: moderate full depth, partial depth and curb repair to a roadway with no structural overlay needed or structural overlay with minor repairs to a roadway needed; Bridges: deck cannot be salvaged, substructure and superstructure need repair; Underground: insituform or other in ground repairs; Hydrants: functional, but leaking and replacement parts are unavailable.)

MODERATELY POOR CONDITION - Requires minor rehabilitation to maintain integrity. (e.g. Roads: minor full depth, partial depth or curb repairs to a roadway with either a thin overlay or no overlay needed; Bridges: deck can be salvaged with repairs and overlay; Hydrants: functional and replacement parts are available.)

MODERATELY FAIR CONDITION - Requires extensive maintenance to maintain integrity. (e.g. Roads: thin or no overlay with extensive crack sealing, minor partial depth and/or slurry or rejuvenation; Bridges: deck rehabilitation required, overlay not required.)

FAIR CONDITION - Requires routine maintenance to maintain integrity. (e.g. Roads: slurry seal, rejuvenation or routine crack sealing to the roadway; Bridges: minor rehabilitation required.)

GOOD OR BETTER CONDITION - Little or no maintenance required to maintain integrity; Bridges: no work required.

Criterion 4 - HEALTH, SAFETY & WELFARE

Definitions:

SAFETY - The design of the project will prevent accidents, promote safer conditions, and eliminate or reduce the danger of risk, liability, or injury.

EXAMPLES: Widening existing roadway lanes to standard lane widths; Adding lanes to a roadway or bridge to increase capacity or alleviate congestion; replacing old or non-functioning hydrants; increasing capacity to a water system, etc.

HEALTH - The design of the project will improve the overall condition of the facility so as to reduce or eliminate disease; or correct concerns regarding the environmental health of the area.

EXAMPLES: Improving or adding storm drainage or sanitary facilities; replacing lead joints in water lines;

WELFARE - The design of the project will promote economic well-being and prosperity.

EXAMPLES: Project has the potential to improve business expansions or opportunities in the area; project will improve the quality of life in the area;

PLEASE NOTE: The examples listed above are NOT a complete list, but only a small sampling of situations that may be relevant to any given project. Each project is looked at on an individual basis to determine if any aspects of this rating category apply, and if so, to what severity level (minor or significant). The severity and extent of the problem, as it relates to Health, Safety and Welfare, MUST be fully detailed by the applicant and apparent to the rating team. The Support Staff will not attempt to determine these issues on its own. Without such detail the jurisdiction should expect a lower rating than the project may deserve.

Criterion 9 - REGIONAL IMPACT

Definitions:

MAJOR IMPACT - Roads: major multi-jurisdictional route, primary feed to an interstate, Federal Aid Primary routes; Underground: primary water or sewer main serving and entire system; Hydrants: multi-jurisdictional.

MODERATE IMPACT - Roads: principal thoroughfares, Federal Aid Urban routes; Underground: primary water or sewer main serving only part of a system; Hydrants: all hydrants in a local system serving only one jurisdiction.

MINIMAL/NO IMPACT - Roads: cul-de-sacs, subdivision streets; Underground: individual water or sewer main not part of a large system; Hydrants: only some hydrants in a local system serving only one jurisdiction.